

# ILLINOIS WEATHER & CROPS



ILLINOIS  
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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

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## CROPS

Fieldwork made good progress last week in most areas of the state. As spring tillage work begins in earnest, soil moisture supplies are becoming more critical. Reports from the two northern districts indicate a concern for the lack of early soil moisture comparable to 1986 and 1988. Reports from the two southeastern districts indicate adequate to more than adequate soil moisture at present. All districts report increases in soil temperature. There continues to be some concern for the apple and peach crops. Blossoming could begin as early as this week and damage will be easier to assess. Seed oats are reported to be in short supply in the two northern districts of the state while most other seed, fertilizer, and chemicals are readily available. Oats are beginning to emerge in some areas. Livestock continues to do well with drier, warmer conditions and less mud.

**CORN** planting, as of April 12, was underway with 4% of the acreage completed, compared to 5% last year and the 5-year average of 1%.

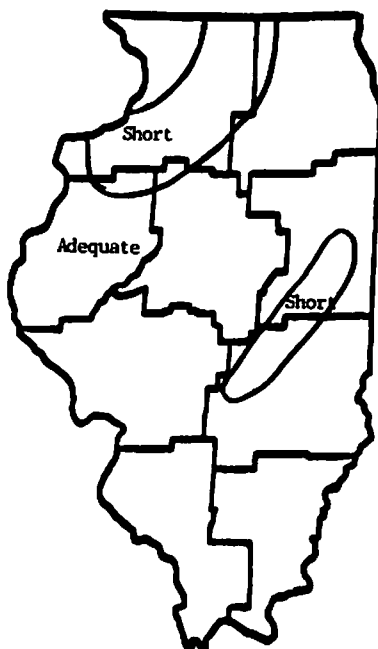
**OAT** seeding, as of April 12, was 70% complete, compared to 60% last year and the average of 53%.

**WINTER WHEAT** condition, as of April 10, was reported as 22% good, 40% fair, 21% poor and 17% very poor.

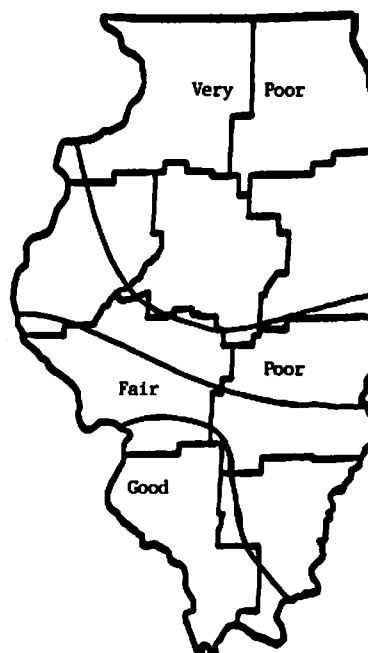
**ALFALFA** condition, as of April 10, was reported as 25% good, 68% fair and 7% poor.

**PASTURE** condition, as of April 10, was rated at 85% of normal.

**SOIL MOISTURE** supplies were reported as 22% short, 76% adequate and 2% surplus as of April 10.



Soil Moisture Supply  
April 10, 1992



Winter Wheat Condition  
April 10, 1992

# ILLINOIS DISTRICT SUMMARY

District	Days Suitable For Fieldwork	Soil Moisture Percent		
		Short	Adequate	Surplus
	April 4 - 10	As of April 10		
Northwest	6.5	50	50	0
Northeast	6.0	25	75	0
West	6.0	25	70	5
Central	5.0	10	90	0
East	4.5	30	70	0
W Southwest	5.0	15	80	5
E Southeast	3.5	15	85	0
Southwest	5.0	20	80	0
Southeast	3.5	15	80	5
State	5.0	22	76	2

## PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
March	1.34	2.55	1.63	3.15	2.29	2.60	2.45	2.65	3.39	2.45
Departure	-1.13	-0.05	-1.27	0.24	-0.62	-0.61	-1.21	-1.57	-1.03	-0.81

## MARCH WEATHER SUMMARY

Temperatures continued to be above normal and precipitation below normal during March in Illinois.

The average temperature departure for the State was 3.4 degrees above normal.

Temperatures were above normal during the first week with highs in the 60's and 70's. Several new record highs were set during this week. A cool period developed during the second week and lasted through the end of the month. Maximum readings fell into the 30's and 40's in the North while readings were in the 40's and 50's in the South. During the 4th week temperatures moderated.

St. Louis, MO (near the West-Southwest District) recorded the highest temperature, 79 on the 3rd while Elizabeth (in the Northwest District) recorded the lowest temperature, 9 degrees on the 11th.

The average precipitation for the State was 0.81 inches below normal.

The Northwest District recorded the least precipitation. The Central District was the only one which recorded slightly above normal precipitation.

The heaviest snow fell in Illinois on the 21st and 22nd. The area of the greatest amounts were from Rockford to Chicago where 6 to 10 inches fell. Two to 4 inches fell in most sections of the State during mid-month.

For the first 3 months of 1992, the southern half of the State was 3 to 5 inches below normal in precipitation. Temperatures are well above normal in all districts as we head into the growing season.

The extended outlook for Illinois (for the period of April to June) is for above normal temperatures in the North and near normal temperatures in the South. Precipitation is expected to be near normal.

Summary provided by The National Weather Service Cooperative Observers  
NOAA, Rosemont, Illinois

# WEATHER

Seasonably mild temperatures prevailed until the weekend, when colder air came smashing into the state. This clash of cold and warm air resulted in some thunderstorm development, however coverage of the storms was lacking and as a result precipitation totals were sub-normal in most locations.

Weekly average maximums varied from the upper 50's to mid 70's, while mean minimums reached from the mid 30's to low 50's. Average temperatures of 46 to 62 degrees were 1 to 4 degrees above normal North, but 3 to 6 degrees above normal in the South. Highest temperatures occurred on the 10th and 11th when mercuries soared into the 70's and 80's most areas.

Precipitation was least over the South and heaviest towards the North and Northwest. Totals ranged from less than 0.20 inches far South, 0.50 To 0.75 inches North and more than one inch in the North and Northwest. Precipitation was spotty in coverage with amounts varying widely over the North. Totals were somewhat above normal in the Northwest and one-half to as much as one inch sub-normal in the South.

Week ending 8 A.M. Monday April 13, 1992

Location	Temperatures			Precipitation	Growing
	Maxi-	Mini-	Depar-	Current	Degree
	mum	mum	ture	week	Days
ELIZABETH	58	35	0	1.26	36
ROCKFORD	57	38	2	0.89	32
CHICAGO	60	39	2	0.46	42
CHI BOTANICAL	54	37	-1	1.26	26
WATSEKA	63	37	1	0.26	50
PERU	64	39	3	0.21	56
MOLINE	64	40	4	0.16	55
PEORIA	63	43	4	0.18	58
KILBOURNE	66	41	2	0.47	61
MONMOUTH	64	39	2	0.52	56
QUINCY	65	44	4	1.30	62
PERRY	67	41	2	1.07	66
SPRINGFIELD	67	44	4	0.86	69
URBANA	66	40	3	0.52	60
WINDSOR	69	44	4	0.21	75
TERRE HAUTE	70	39	3	0.78	74
ST LOUIS	72	51	N/A	0.18	97
BELLEVILLE	76	45	6	0.00	103
BROWNSTOWN	70	45	4	0.78	76
IUKA	71	44	4	0.07	82
LAWRENCEVILLE	69	44	N/A	0.18	75
VINCENNES	69	44	4	0.16	75
DIXON SPRINGS	73	48	4	0.00	94
PADUCAH	75	51	6	0.04	101
OLIVE BRANCH	75	47	5	0.05	98
CARBONDALE	72	45	3	0.07	90
C GIRARDEAU	73	51	N/A	0.05	97

Information above provided by Midwest Agricultural Weather Service Center  
Purdue University, West LaFayette, Indiana 47907

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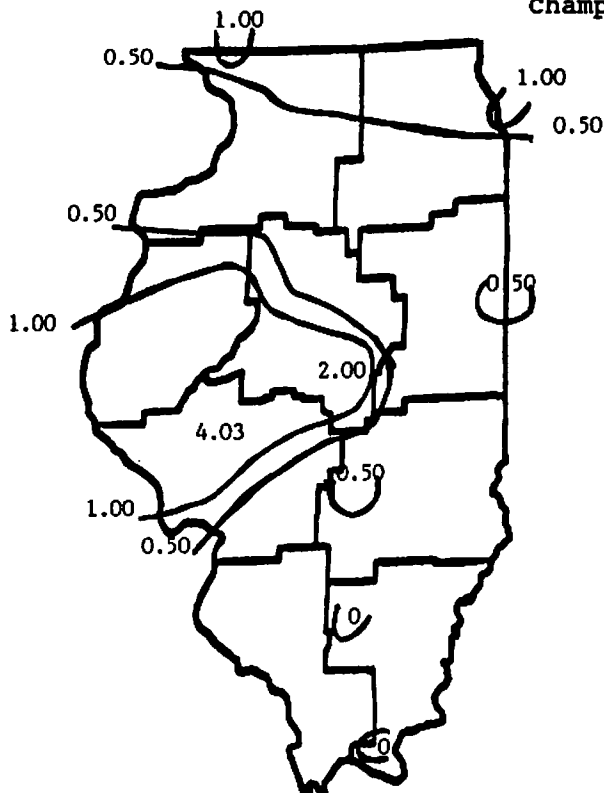
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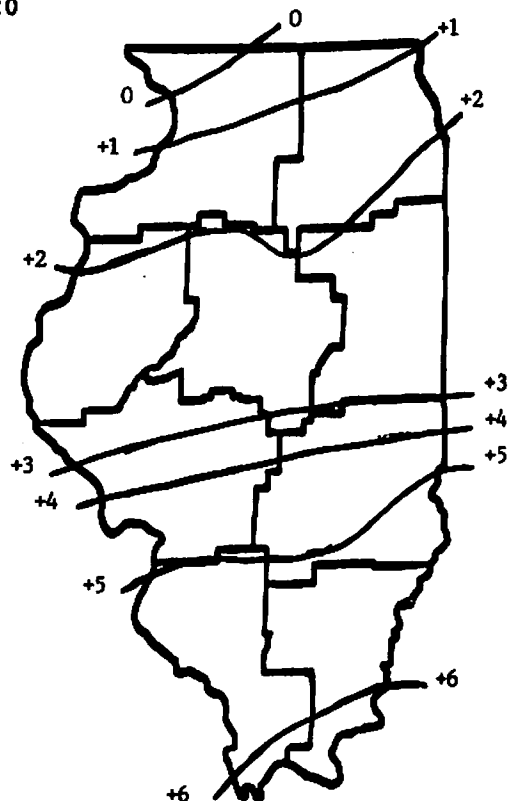
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Champaign, Illinois 61820



PRECIPITATION (INCHES)  
APRIL 7-13, 1992



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) APRIL 7-13, 1992

CROP INFORMATION in this report is provided voluntarily by  
county officials of Extension Service and SCS, and agribusiness managers.

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